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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/867,932A

DATE: 02/26/2002
TIME: 09:38:07

Input Set : A:\08919-023001.txt
Output Set: N:\CRF3\02262002\I867932A.raw

4 <110> APPLICANT: Lin, Han-You
5 Kuo, Tsun-Yung
6 Huang, Hsiao-I
7 Yang, Huey-Lang
9 <120> TITLE OF INVENTION: NERVOUS NECROSIS VIRUS PROTEIN
12 <130> FILE REFERENCE: 08919-023001
14 <140> CURRENT APPLICATION NUMBER: 09/867,932A
15 <141> CURRENT FILING DATE: 2001-05-30
17 <160> NUMBER OF SEQ ID NOS: 2
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 1014
23 <212> TYPE: DNA
24 <213> ORGANISM: Nervous necrosis virus
26 <400> SEQUENCE: 1

27 atggtacgca aaggtgagaa gaaattggca aaaccgcgca ccaccaaggc cgcgaaatccg	60
28 caaccccgcc gacgtgctaa caatcgctcg cgtagtaatc gcactgacgc acctgtgtct	120
29 aaggcctcga ctgtgactgg atttggacgt gggaccaatg acgtccatct ctcagggtatg	180
30 tcgagaatct cccaggccgt cctcccagcc gggacaggaa ctgacggata cgttgttgtt	240
31 gacgcaacca tcgtccccga cctcctgcca cgactgggac acgtgtctag aatcttccag	300
32 cgatacgtg ttgaaacct ggagtttgaa attcagccaa tgtgccccgc aaacacgggc	360
33 ggtggttacg ttgctggctt cctgcctgat ccaactgaca acgaccacac cttcggcgcg	420
34 cttcaagcaa ctgctggtgc agtcgttgcc aaatggtggg aaagcagaac agtccgacct	480
35 cagtacaccc gcacgctcct ctggacacct tgggaaagg agcagcgtct cactgcacct	540
36 ggtcggctga tactcctgtg tgtcggcaac aacactgat tggtaacgt gtcggtgctg	600
37 tgtcgtgga gtgttcgact gagcggttcca tctcttgaga cacctgaaga gaccacgct	660
38 cccatcatga cacaaggttc cctgtacaac gattccctat ccacaaatga ctccaagtcc	720
39 atcctcctag gatccacgcc actggacatt gccctgatg gagcagtctt ccagctggac	780
40 cgtctgctgt ccattgacta cagccttgga actggagatg ttgaccgtgc tgtttactgg	840
41 cacctcaaga agtttctggt aaatgctggc acacctgcag gctgggttcg ctggggcctc	900
42 tgggacaact tcaacaagac gtacacagat ggcgttgctt actactctga tgagcagccc	960
43 cgtcaaattcc tgctgcctgt tggcactgtc tgcaccaggg ttgactcgga aaac	1014

45 <210> SEQ ID NO: 2
46 <211> LENGTH: 338
47 <212> TYPE: PRT
48 <213> ORGANISM: Nervous necrosis virus
50 <400> SEQUENCE: 2

51 Met Val Arg Lys Gly Glu Lys Lys Leu Ala Lys Pro Ala Thr Thr Lys	15
52 1 5 10	
53 Ala Ala Asn Pro Gln Pro Arg Arg Arg Ala Asn Asn Arg Arg Arg Ser	30
54 20 25	
55 Asn Arg Thr Asp Ala Pro Val Ser Lys Ala Ser Thr Val Thr Gly Phe	45
56 35 40	

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57 Gly Arg Gly Thr Asn Asp Val His Leu Ser Gly Met Ser Arg Ile Ser
58      50                      55                      60
59 Gln Ala Val Leu Pro Ala Gly Thr Gly Thr Asp Gly Tyr Val Val Val
60 65                      70                      75                      80
61 Asp Ala Thr Ile Val Pro Asp Leu Leu Pro Arg Leu Gly His Ala Ala
62      85                      90                      95
63 Arg Ile Phe Gln Arg Tyr Ala Val Glu Thr Leu Glu Phe Glu Ile Gln
64      100                      105                      110
65 Pro Met Cys Pro Ala Asn Thr Gly Gly Gly Tyr Val Ala Gly Phe Leu
66      115                      120                      125
67 Pro Asp Pro Thr Asp Asn Asp His Thr Phe Gly Ala Leu Gln Ala Thr
68      130                      135                      140
69 Arg Gly Ala Val Val Ala Lys Trp Trp Glu Ser Arg Thr Val Arg Pro
70 145                      150                      155                      160
71 Gln Tyr Thr Arg Thr Leu Leu Trp Thr Ser Ser Gly Lys Glu Gln Arg
72      165                      170                      175
73 Leu Thr Ser Pro Gly Arg Leu Ile Leu Leu Cys Val Gly Asn Asn Thr
74      180                      185                      190
75 Asp Val Val Asn Val Ser Val Leu Cys Arg Trp Ser Val Arg Leu Ser
76      195                      200                      205
77 Val Pro Ser Leu Glu Thr Pro Glu Glu Thr Thr Ala Pro Ile Met Thr
78      210                      215                      220
79 Gln Gly Ser Leu Tyr Asn Asp Ser Leu Ser Thr Asn Asp Ser Lys Ser
80 225                      230                      235                      240
81 Ile Leu Leu Gly Ser Thr Pro Leu Asp Ile Ala Pro Asp Gly Ala Val
82      245                      250                      255
83 Phe Gln Leu Asp Arg Leu Leu Ser Ile Asp Tyr Ser Leu Gly Thr Gly
84      260                      265                      270
85 Asp Val Asp Arg Ala Val Tyr Trp His Leu Lys Lys Phe Ala Gly Asn
86      275                      280                      285
87 Ala Gly Thr Pro Ala Gly Trp Phe Arg Trp Gly Ile Trp Asp Asn Phe
88      290                      295                      300
89 Asn Lys Thr Phe Thr Asp Gly Val Ala Tyr Tyr Ser Asp Glu Gln Pro
90 305                      310                      315                      320
91 Arg Gln Ile Leu Leu Pro Val Gly Thr Val Cys Thr Arg Val Asp Ser
92      325                      330                      335
93 Glu Asn

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VERIFICATION SUMMARY

DATE: 02/26/2002

PATENT APPLICATION: US/09/867,932A

TIME: 09:38:08

Input Set : A:\08919-023001.txt

Output Set: N:\CRF3\02262002\I867932A.raw